



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09 833,507	04 11 2001	Ralph A. Mosher	D A0584Q	2992

7590 07 02 2002

Patent Documentation Center
Xerox Corporation
Xerox Square, 20th Floor
100 Clinton Ave. S.
Rochester, NY 14644

EXAMINER

YOON, TAE H

ART UNIT	PAPER NUMBER
1714	

DATE MAILED: 07 02 2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.	09/133,507	Applicant(s)	Mosher et al
Examiner	T. Yoon	Group Art Unit	1714

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE THREE MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

Responsive to communication(s) filed on 6-20-02

This action is **FINAL**.

Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

Claim(s) 1, 3-18 and 20 is/are pending in the application.

Of the above claim(s) _____ is/are withdrawn from consideration.

Claim(s) _____ is/are allowed.

Claim(s) 1, 3-6, 8-18 and 20 is/are rejected.

Claim(s) 7 is/are objected to.

Claim(s) _____ are subject to restriction or election requirement

Application Papers

The proposed drawing correction, filed on _____ is approved disapproved.

The drawing(s) filed on _____ is/are objected to by the Examiner

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119 (a)-(d).

All Some* None of the:

Certified copies of the priority documents have been received.

Certified copies of the priority documents have been received in Application No. _____.

Copies of the certified copies of the priority documents have been received
in this national stage application from the International Bureau (PCT Rule 17.2(a))

*Certified copies not received: _____

Attachment(s)

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____ Interview Summary, PTO-413

Notice of Reference(s) Cited, PTO-892 Notice of Informal Patent Application, PTO-152

Notice of Draftsperson's Patent Drawing Review, PTO-948 Other _____

Office Action Summary

Art Unit: 1714

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 3-6, 8-13, 17 and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by Okunuki et al (US 5,112,708).

Rejection is maintained for reason of record and following.

Preamble, adhesive, alone has little probative value, and any composition comprising an alcohol-soluble polyamide and electrically conductive filler meets the instant invention. Contrary to applicant's assertion, Okunuki et al clearly teach an alcohol-soluble polyamide at col. 3, lines 37-49.

Art Unit: 1714

Claims 1, 3-6, 8, 9, 11, 13 and 20 are rejected under 35 U.S.C. 103(a) as obvious over Jung et al (US 5,728,181) in view of Nakamura et al (US 5,923,925).

Jung et al teach the adhesive comprising a polyamide and electrically conductive filler at col. 3, lines 43-61. The instant invention further recites an alcohol-soluble polyamide over Jung et al. However, the use of an alcohol-soluble polyamide as an adhesive is well known the art as taught by Nakamura et al (col. 8, lines 15 and 21 and CM-8000 of example 1). Said CM-8000 is taught at page 16, line 12 of the specification.

It would have been obvious to one of ordinary skill in the art at the time of the instant invention to utilize an alcohol-soluble polyamide of Nakamura et al in Jung et al since Jung et al teach a polyamide adhesive and since the use of an alcohol-soluble polyamide as an adhesive is well known the art.

Claims 1, 3-6, 8, 14-18 and 20 are rejected under 35 U.S.C. 102(e) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Fuller et al (US 6,096,470) or Dinh et al (US 6,207,334).

Rejection is maintained for reason of record and following.

Preamble, adhesive, alone has little probative value, and any composition comprising an alcohol-soluble polyamide and electrically conductive filler meets the instant invention. Contrary to applicant's assertion, Dinh et al clearly teach an alcohol-soluble polyamide in example II, Luckamide 5003 which is taught at page 16, lines 11-12 of the instant application. Fuller et al

Art Unit: 1714

also teach an alcohol soluble polyamide (Luckamide 5003) composition containing a charge transporting molecule and crosslinked by an oxalic acid in example II.

Claim 7 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Art Unit: 1714

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tae H. Yoon whose telephone number is (703) 308-2389. The examiner can normally be reached on Monday to Thursday from 8:00 to 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasu Jagannathan, can be reached on (703) 306-2777. The fax phone number for the organization where this application or proceeding is assigned is (703) 305-5408.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0661.

THY/June 27, 2002



TAE H. YOON
PRIMARY EXAMINER